

Mechanical Engineering Update

Review of MDG 41

Background

MDG 41 *Guideline for fluid power system safety at mines* provides guidance material to assist in managing the risks associated with fluid power systems. The guideline covers the lifecycle of fluid power systems including design, installation, commissioning, operation, maintenance, repair and decommissioning in the context of use within the minerals industry. A draft was issued in 2006 and the final version was published in 2010.

Recent analysis of injury data on reportable, 'escape of fluid under pressure' incidents, have highlighted further improvements are needed to manage the risks associated with pressurised fluid power systems.

For the period between 2007 and 2012 there have been approximately 200 people involved with 1600 incidents, 13% of those incidents involved an injury or suspected injury to people. In 2013 alone there were three fluid injection injuries recorded, all of which required surgery to drain the foreign fluid.

While a detailed analysis of this information will be released later this year, Mine Safety is initiating a review of MDG 41.

Expression of interest for MDG 41 review committee

Mine Safety is seeking expressions of interest from all stakeholders who wish to participate in the revision of MDG 41. The first meeting of the review committee will take place on Tuesday 29 October 2013.

Expressions of interest are sought before 27 September 2013. If you are interested in being part of the review committee, please forward your expression of interest to Lyndon Hughes on lyndon.hughes@industry.nsw.gov.au

Industry comment on MDG 41

As part of the review Mine Safety is seeking comments from industry on the current version of [MDG 41](#). If you wish to make a submission, please forward your comments to Lyndon Hughes on the above email before 18 October 2013.

Signed



Peter Sunol
Senior Inspector of Mechanical Engineering
Mine Safety Operations

NOTE: Please ensure all relevant mechanical people in your organisation receive a copy of this update and are informed of its content. This update should be processed in a systematic manner through the mine's information and communication process.

DISCLAIMER

The information contained in this publication is based on knowledge and understanding at the time of writing. (September 2013) However, because of advances in knowledge, users are reminded of the need to ensure that information on which they rely is up to date and to check the currency of the information with the appropriate officer of the NSW Department of Trade and Investment, Regional Infrastructure and Services or the user's independent advisor.